

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
8830-334US1 (209104)**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. If known, see 37 CFR 1.5

N/A

**10/531858**INTERNATIONAL APPLICATION NO.  
PCT/GB2003/004588INTERNATIONAL FILING DATE  
October 23, 2003PRIORITY DATE CLAIMED  
October 23, 2002

TITLE OF INVENTION: CEMENT FLOW CONTROL TOOL

APPLICANT(S) FOR DO/EO/US: Ian Alastair Kirk, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154 (d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has not expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or a declaration of the inventor(s) (35 U.S.C. 371 (c)(4))
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

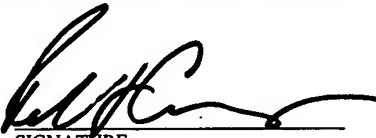
page 1 of 2

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this paper, along with any documents referred to as being enclosed therewith, is being deposited with the United States Postal Service on **04/19/2005** in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EV320480145US** addressed to the Mail Stop PCT - National Phase, Alexandria, VA 22313.

  
 LAURA M. MCNEELY

PHIP4171721

U.S. APPLICATION (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/531858</div>		INTERNATIONAL APPLICATION NO. PCT/GB2003/004588		ATTORNEY DOCKET NUMBER 8830-334US1 (209104)	
				Calculations	PTO use only
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic national Fee.....\$ 300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 100.00 All other situations \$ 200.00				\$ 200.00	
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$ 100.00 International Search Report prepared and provided to the Office.....\$ 400.00 All other situations .....\$ 500.00				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>\$ 900.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
42 - 100 =	0/50 =	0	× \$250.00	\$ 0	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	41 - 20 =	21	× \$50.00	\$ 1,050.00	
Independent claims	3 - 3 =	0	× \$200.00	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ 0	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,950.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				<b>\$ 975.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$ 0
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 975.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,015.00</b>	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,015.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-0573</u> in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0573</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Robert E. Cannuscio, Esquire DRINKER BIDDLE & REATH LLP One Logan Square, 18 <sup>th</sup> & Cherry Streets Philadelphia, PA 19103-7595 Tel.: (215) 988.3303					
				 SIGNATURE NAME: Robert E. Cannuscio REGISTRATION NUMBER: <u>36,469</u> DATE: <u>April 19, 2005</u>	